

Title (en)

Methods for inducing differentiation of undifferentiated mammalian cells into osteoblasts

Title (de)

Verfahren zur Induktion der Differenzierung von undifferenzierten Säugetier-Zellen zu Osteoblasten

Title (fr)

Méthodes d'induction de la différenciation de cellules de mammifère non différenciées en ostéoblastes

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Application

**EP 10174533 A 20041229**

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Abstract (en)

The present invention provides methods for inducing differentiation of undifferentiated mammalian cells into osteoblasts, and methods for identifying a compound that induces differentiation of undifferentiated mammalian cells into osteoblasts. In addition, the present invention provides polynucleotides and vectors, and the use thereof as a medicament for the treatment of a disease involving a systemic or local decrease in mean bone density. Moreover, the present invention provides methods for in vitro production of bone tissue, osteoblast cells and methods for diagnosing a pathological condition involving a systemic or local decrease in mean bone density or a susceptibility to the condition.

IPC 8 full level

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Citation (applicant)

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